

16.08.2019
STD: V

EVERWIN VIDHYASHRAM
PERIODIC ASSESSMENT- II
MATHS - (PART - II)

Marks: 20
Time: 45mins

I. Fill ups:

1. Fraction 2. Improper 3. $\frac{1}{3}$

II. Match:

4. Same denominator 5. 50 6. $\frac{3}{4}$

III. Do the following:

7. $\frac{2 \times 2}{7 \times 2} = \frac{4}{14}$, $\frac{2 \times 3}{7 \times 3} = \frac{6}{21}$ equivalent fraction are $\frac{4}{14}$, $\frac{6}{21}$

8. i) $\frac{2}{6} = \frac{1}{3}$ ii) $\frac{5}{12}$

IV. Word problems: (Any 2)

9. a) Apple, $\frac{3}{6}$ b) $\frac{2}{6}$ c) Apple, Grapes, Mango d) $\frac{1}{6}$

10. No. of tomatoes = 15
No. of potatoes = 18

Sara's Share = $\frac{1}{5} \times 15^3 + \frac{2}{3} \times 18^6$
= 3 tomatoes + 12 potatoes

Sabi's share = $\frac{4}{5} \times 15^3 + \frac{1}{3} \times 18^6$
= 12 tomatoes + 6 potatoes

Ans: Sara's share = 3 tomatoes + 12 potatoes
Sabi's share = 2 tomatoes + 6 potatoes

11. No. of camels = 12

First daughter's share = $\frac{1}{2} \times 12^6 = 6$ camels

Second daughter share = $\frac{1}{3} \times 12^2 = 4$ camels

Third daughter share = $\frac{1}{6} \times 12^2 = 2$ camels

Total = 6 + 4 + 2 = 12 camels.